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PATENT, TRADEMARK AND COPYRIGHT LAW
AND RELATED FEDERAL AND ITC LITIGATION

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*BAR MEMBERSHIP OTHER THAN VIRGINIA
*REGISTERED PATENT AGENT

Docket No.: 18-511-0

HON. COMMISSIONER OF PATENTS AND TRADEMARKS
WASHINGTON, D.C. 20231

RE: Application Serial No.: 07/229,489
Applicant(s): TAKAO TAKAYA ET AL
Filing Date: August 8, 1988
For: NOVEL CRYSTALLINE 7-[2-(2-AMINOTHIAZOL-4-YL)-2-HYDROXY-IMINOACETAMIDO]-3-VINYL-3-CEPHEM-4-CARBOXYLIC ACID (SYN ISOMER)

Group No.: 122
Examiner: RIZZO

SIR:

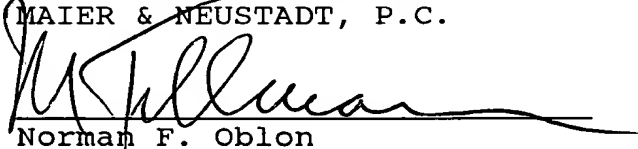
Attached hereto for filing are the following papers:

Supplemental Amendment

Our check in the amount of \$ -0- is enclosed covering any required fees. In the event of any variance between the amount enclosed and the Patent Office charges, please charge or credit the difference to our Deposit Account No. 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND,
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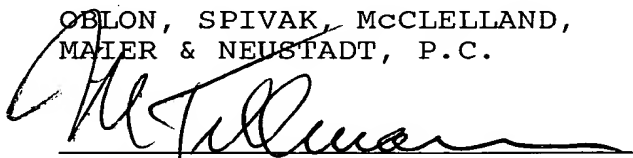
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#9/B
#91127

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: :
TAKAO TAKAYA ET AL :
SERIAL NO: 07/229,489 : GROUP: 122
FILED: August 8, 1988 : EXAMINER: RIZZO
FOR: NOVEL CRYSTALLINE 7-[2-(2- :
AMINOTHIAZOL-4-YL)-2-HYDROXY- :
IMINOACETAMIDO]-3-VINYL-3- :
CEPHEM-4-CARBOXYLIC ACID :
(SYN ISOMER)

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SUPPLEMENTAL AMENDMENT

HONORABLE COMMISSIONER OF PATENTS & TRADEMARKS
WASHINGTON, D.C. 20231

SIR:

11-27-89
OK
In further response to the Official Action of May 11, 1989,
please amend as follows:

IN THE ABSTRACT

10
After the claims, as a separate page, please insert the
following:

ABSTRACT OF THE DISCLOSURE

enter B,
157
The invention relates to crystalline 7-[2-(2-aminothiazol-4-yl)-2-hydroxyiminoacetamido]-3-vinyl-3-cephem-4-carboxylic acid (syn isomer) useful as an antimicrobial agent.